

**IMCO 400**

**MATERIAL SAFETY DATA SHEET**  
**THIS DOCUMENT REPRESENTS A MODIFICATION OF A**  
**U. S. DEPARTMENT OF LABOR**  
**OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION**  
**NON-MANDATORY FORM**

**SECTION I - MANUFACTURER IDENTIFICATION**

**Manufacturer (Producer/Processor):** *IMCO* *Date: March 1, 2002*  
**Address:** *7268 Frasinetti Road*  
*Sacramento, CA. 95828*  
**Telephone:** *(916) 383-2811* *FAX: (916) 383-8741*  
**Product Name:** *IMCO 400*

**SECTION II - HAZARDOUS INGREDIENTS/IDENTIFY INFORMATION**

Component	Chemical Formula	Common Name	Threshold Limit Value Respirable Dust	%
Free Silica (Quartz)	SiO <sub>2</sub>	Silica	ACGIH: 0.1 mg/m <sup>3</sup>	10 - 30

*Note:*

**SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS**

<b>Boiling Point (mm Hg):</b>	<i>N/A</i>	<b>Specific Gravity (1120 = 1):</b>	<i>2.5</i>
<b>Vapor Pressure</b>	<i>N/A</i>	<b>Melting Point:</b>	<b>Not Available</b>
<b>Vapor Density (Air = 1)</b>	<i>N/A</i>	<b>Evaporation Rate: (Butyl Acetate=1)</b>	<i>N/A</i>
<b>Solubility in Water:</b>	<i>N/A</i>		

**Appearance and Color:** *Light Yellow Powder - no odor*

## SECTION IV - FIRE AND EXPLOSIVE HAZARD DATA

Flash Point:	<i>Not Flammable</i>	Flammable Limits:	<i>Not Flammable</i>
Extinguish Media:	<i>N/A</i>		
Special Fires Fighting Procedures:	<i>N/A</i>		
Unusual Fire and Explosion Hazards:	<i>None</i>		

## SECTION V - REACTIVITY DATA

Stability:	<i>Stable</i>	Conditions to Avoid :	<i>None</i>
Incompatibility:	<i>None</i>	Material to Avoid:	<i>None</i>
Hazardous Decomposition or By products:	<i>None</i>		
Hazard Polymerization:	<i>Will not Occur</i>	Conditions to Avoid:	<i>None</i>

## SECTION VI - HEALTH HAZARD DATA

Route(s) of Entry:	<i>Inhalation</i>
<b>Health Hazards (Acute and Chronic):</b>	
Eye	May cause irritation.
Ingestion	<i>N/A</i>
Skin	May cause irritation.
Inhalation	Contains crystalline which may cause delayed respiratory disease (silicosis) if inhaled over a prolonged period of time. <i>The State of California has determined crystalline silica to cause cancer.</i>
Carcinogenicity:	<i>IARC Monographs Volume 68, 1997 concludes that there is sufficient evidence that inhaling crystalline silica causes cancer in humans.</i>
<b>Signs &amp; Symptoms Exposure:</b>	
Medical Conditions Aggravated (Exposure):	<i>Respiratory system conditions.</i>

<b>Emergency &amp; First Aid:</b>	
<i>Eye</i>	<i>Flush with plenty of water for 15 minutes, if irritation persists, see a physician.</i>
<i>Ingestion</i>	<i>N/A</i>
<i>Skin</i>	<i>Wash with mild soap and water.</i>
<i>Inhalation</i>	<i>Remove to fresh air. If irritation persists see a doctor.</i>

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**SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE**

<b>Material released or spilled:</b>	<i>Sweep up spill after wetting to avoid dust generation.</i>
<b>Waste disposal Method:</b>	<i>Dispose in closed containers at an approved landfill, in accordance with all federal, state and local laws..</i>
<b>Precaution in Handling &amp; Storing:</b>	<i>Keep in closed containers. Avoid creation of dust; use ventilation and exhaust equipment as required to abate dust in the work place.</i>

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**SECTION VIII - CONTROL MEASURES**

<b>Respiratory Protection:</b>	<i>NIOSH approved dust mask (Wear 3M 7810 Dust Mask).</i>
<b>Ventilation:</b>	<i>Sufficient of maintain OSHA PEL.</i>
<b>Protection Gloves:</b>	<i>Appropriate to activity performed.</i>
<b>Eye Protection:</b>	<i>Recommended</i>
<b>Other Protective Clothing or Equipment:</b>	<i>Safety showers and eye washes.</i>
<b>Work/Hygienic Practices:</b>	<i>Brush clothing in natural ventilation; replace dust mask regularly. Good house keeping to minimize dust.</i>

(MSDS 3/02)